

U.S.S.N. 09/395,409
CANTOR *et al.*
RESPONSE AFTER FINAL

B2 diversity.

B3 88. (Amended) The method of claim 128, wherein the molecular weights are determined by methods selected from the group consisting of gel electrophoresis, capillary electrophoresis, chromatography, and nuclear magnetic resonance.

89. (Amended) The method of claim 128, wherein the molecular weights are determined by mass spectrometry.

Please add claim 128 as follows:

B4 128. (New) The method of claim 1, wherein the probes comprise a double-stranded portion and a single-stranded portion.

REMARKS

A check for \$620 for the fees for a three month extension of time (\$460) and a Notice of Appeal (\$160) accompanies this response. A notice of Appeal is filed herewith. Any fees that may be due in connection with this application may be charged to Deposit Account No. 50-1213. If a Petition for extension of time is needed, this paper is to be considered such Petition.

Claims 1-55, 58-60, 63-77, 86 and 88-128 are presently pending in this application. Claim 87 has been cancelled without prejudice or disclaimer. Claim 128 is added and is identical to originally filed claim 56 which was inadvertently cancelled in the previous response to the Office Action mailed October 4, 2000. Claims 86, 88 and 89 are amended to eliminate their dependence on cancelled claims (claim 85 and 56, respectively). Claim 77 is amended in order to more particularly point out and distinctly claim the specified method. Basis for the amendments are found throughout the specification and claims as originally filed. Therefore, no new matter is added.

A marked up copy per 37 C.F.R. §1.121 of the amended claims is attached to this response.